Journal of Chemical Neuroanatomy

CONTENTS

Volume 1, Issues Nos. 1–6

VOLUME 1 NUMBER 1 **Jan/Feb 1988**

Editorial
H.W.M. Steinbusch 1

Nuclear Origin of Thalamic Afferents of the Ventral Striatum Determines their Relation to Patch/Matrix Configurations in Enkephalin-immunoreactivity in the Rat
H.W. Berendse, P. Voorn, A. te Kortschot, H.J. Groenewegen 3

Immunohistochemical Studies on Cholecystokinin (CCK)–Immunoreactive Neurons in the Rat using Sequence Specific Antisera and with Special Reference to the Caudate Nucleus and Primary Sensory Neurons
T. Hokfelt, M. Herrera-Marschitz, K. Seroogy, G. Ju, V. Holets, M. Schalling, U. Ungerstedt, G. Post, J.F. Rehfeld, P. Frey, J. Fischer, G. Dockray, T. Hamaoka, J.H. Walsh, M. Goldstein 11

Histaminergic Cells in the Choroid Plexus of Rat
C. Nilsson, H.W.M. Steinbusch, M. Lindvall-Axelsson, C. Owman 53

RAPID COMMUNICATION
Do Tyrosine Hydroxylase-immunoreactive Neurons in the Ventrolateral Arcuate Nucleus Produce Dopamine or only L-DOPA?
B. Meister, T. Hökfelt, H.W.M. Steinbusch, G. Skagerberg, O. Lindvall, M. Geffard, T.H. Joh, A.C. Cuello, M. Goldstein 59

VOLUME 1 NUMBER 2 **March/April 1988**

Compromises between Penetration of Antisera and Preservation of Ultra-structure in Pre-embedding Electron Microscopic Immunocytochemistry
F.G. Wouterlood, Y.M.H.F. Sauren, A. Pattiselanno 65

Somatostatin 28-Immunoreactive Inputs to the Paraventricular and Supraoptic Nuclei: Principal Origin from Non-aminergic Neurons in the Nucleus of the Solitary Tract
P.E. Sawchenko, R. Benoit, M.R. Brown 81

Cholinergic Innervation and Topographical Organization of Muscarinic Binding Sites in Rat Brain: a Comparative Autoradiographic Study
J.A.D.M. Tonnaer, B.H.W. Ernste, J. Wester, K. Kelder 95

Substance P Neurons in the Human Hippocampus: an Immunohistochemical Analysis in the Infant and Adult
F. Lotstra, P. Mailleux, J.-J. Vanderhaeghen 111

VOLUME 1 NUMBER 3 **May/June 1988**

Demonstration of Rat Preprotachykinin A mRNA in the Rat Trigeminal Ganglion by *in situ* Hybridization Histochemistry
H. Kiyama, Y. Morita, K. Noguchi, Y. Wang, S. Nakanishi, Y. Shiotani and M. Tohyama ... 125

Laminin Facilitates and Guides Fiber Growth of Transplanted Neurons in Adult Brain
F.C. Zhou and E.C. Azmitia ... 133

The 'Marginal Division': a New Subdivision in the Neostriatum of the Rat
S.Y. Shu, G.R. Penny and G.M. Peterson ... 147

Differential Expression of Ubiquitin within the Rat Brain: Discretely Localized Increases Following Salt-Loading
P.A. Schueler and R.P. Elde ... 165

VOLUME 1 NUMBER 4 **July/August 1988**

Expression of Three (and a Putative Four) Protein Kinase C Genes in Brains of Rat and Rabbit
W. Scott Young, III ... 177

Localization of Neuroactive Substances in the Rat Parabigeminal Nucleus: an Immunohistochemical Study
Ya qi Wang, K. Takatsuji, H. Kiyama, M. Yamano and M. Tohyama ... 195

Expression of Phenylethanolamine N-Methyltransferase in (PNMT) and Neuropeptide Y (NPY) in Embryonic Rat Medulla Oblongata Grown *in Oculo*
M.C. Bohn, A. Seiger and H.B. Goral ... 205

Autoradiographic Quantitation and Anatomical Mapping of ^{125}I-Galanin Binding Sites in the Rat Central Nervous System
T. Melander, C. Köhler, S. Nilsson, T. Hökfelt, E. Brodin, E. Theodorsson and T. Bartfai ... 213

VOLUME 1 NUMBER 5 **September/October 1988**

Coexistence of TRH with Other Neuroactive Substances in the Rat Central Nervous System
Y. Tsuruo, S. Ceccatelli, M.J. Villar, T. Hökfelt, T.J. Visser, L. Terenius, M. Goldstein, J.C. Brown, A. Buchan, J. Walsh, M. Morris, M.V. Sofroniew and A. Verhofstad ... 235

Distribution of the Carbohydrate Epitope 3-fucosyl-N-acetyl-lactosamine (FAL) in the Adult Human Brain
J.K. Mai and G. Reifenberger ... 255

Calcitonin Gene-related Peptide (CGRP)-Immunoreactive Neurons in the Human Cervicothoracic Paravertebral Ganglia
M. Schmitt, W. Kummer and Ch. Heym ... 287

VOLUME 1 NUMBER 6 **November/December 1988**

List of Referees 1988

Topography of the Oxytocin Receptor System in Rat Brain: an Autoradiographical Study with a Selective Radioiodinated Oxytocin Antagonist
J. Elands, A. Beetsma, C. Barberis and E.R. de Kloet 293

Evidence for the Presence of Substance P in Cat Nasal Receptor Afferents
G.E. Lucier and R. Egizii 303

Dopamine-immunoreactive Neurons in the Blowfly Visual System: Light and Electron Microscopic Immunocytochemistry
D.R. Nässel, K. Elekes and K.U.I. Johansson 311

Distribution of Degeneration of Cholinergic Neurons in the Septum Following Axotomy in Different Portions of the Fimbria-fornix: a Correlation Between Degree of Cell Loss and Proximity of Neuronal Somata to the Lesion
M.V. Sofroniew and O. Isacson 327

Immunoreactive Corticotropin Releasing Factor in Adult and Developing Rat Cerebellum: its Presence in Climbing and Mossy Fibres
H.M. van den Dungen, H.J. Groenewegen, F.J.H. Tilders and J. Schoemaker 339

Author Index 351

Keyword Index 352

Volume Contents iii

WILEY